



## HAZARDOUS WASTE CODES

### CHARACTERISTIC HAZARDOUS WASTE (SEE 40 CFR 261.24)

|      |                 |      |                      |      |                              |
|------|-----------------|------|----------------------|------|------------------------------|
| D001 | Ignitable waste | D016 | 2,4-D                | D031 | Heptachlor (and its epoxide) |
| D002 | Corrosive waste | D017 | 2,4,5-TP Silvex      | D032 | Hexachlorobenzene            |
| D003 | Reactive waste  | D018 | Benzene              | D033 | Hexachlorobutadiene          |
| D004 | Arsenic         | D019 | Carbon tetrachloride | D034 | Hexachloroethane             |
| D005 | Barium          | D020 | Chlordane            | D035 | Methyl ethyl ketone          |
| D006 | Cadmium         | D021 | Chlorobenzene        | D036 | Nitrobenzene                 |
| D007 | Chromium        | D022 | Chloroform           | D037 | Pentachlorophenol            |
| D008 | Lead            | D023 | o-Cresol             | D038 | Pyridine                     |
| D009 | Mercury         | D024 | m-Cresol             | D039 | Tetrachloroethylene          |
| D010 | Selenium        | D025 | p-Cresol             | D040 | Trichlorethylene             |
| D011 | Silver          | D026 | Cresol               | D041 | 2,4,5-Trichlorophenol        |
| D012 | Endrin          | D027 | 1,4-Dichlorobenzene  | D042 | 2,4,6-Trichlorophenol        |
| D013 | Lindane         | D028 | 1,2-Dichloroethane   | D043 | Vinyl chloride               |
| D014 | Methoxychlor    | D029 | 1,1-Dichloroethylene |      |                              |
| D015 | Toxaphene       | D030 | 2,4-Dinitrotoluene   |      |                              |

### HAZARDOUS WASTE FROM NON-SPECIFIC SOURCES (See 40 CFR 261.31)

- F001 The following spent halogenated solvents used in degreasing: tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
- F002 The following spent halogenated solvents: tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2, trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F001, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
- F003 THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
- F004 The following spent nonhalogenated solvents: cresols, cresylic acid, and nitrobenzene; and the still bottoms from the recovery of these solvents; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.

- F005 The following spent nonhalogenated solvents: toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
- F006 **WASTEWATER TREATMENT SLUDGES** from electroplating operations except from the following processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc, and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum.
- F007 Spent cyanide plating bath solutions from electroplating operations
- F008 Plating bath residues from the bottom of plating baths from electroplating operations in which cyanides are used in the process.
- F009 Spent stripping and cleaning bath solutions from electroplating operations in which cyanides are used in the process.
- F010 Quenching bath residues from oil baths from metal heat treating operations in which cyanides are used in the process.
- F011 Spent cyanide solutions from slat bath pot cleaning from metal heat treating operations
- F012 Quenching wastewater treatment sludges from metal heat treating operations in which cyanides are used in the process.
- F019 Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.
- F020 Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
- F021 Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce derivatives.
- F022 Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.
- F023 Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
- F024 Process wastes including, but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludge, spent catalysts, and wastes listed in Sections 261.31. or 261.32.)

- F025 Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one, to and including five, with varying amounts and positions of chlorine substitution.
- F026 Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions.
- F027 Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from prepurified 2,4,5-trichlorophenol as the sole component.)
- F028 Residues resulting from the incineration or thermal treatment of soil contaminated with EPA hazardous waste nos. F020, F021, F022, F023, F026, and F027
- F032 Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use, or have previously used, chlorophenolic formulations [except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with Section 261.35 (i.e., the newly promulgated equipment cleaning or replacement standards), and where the generator does not resume or initiate use of chlorophenolic formulations]. (This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.)
- F034 Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.
- F035 Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol
- F037 Petroleum refinery primary oil/water/solids separation sludge - Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and storm water units receiving dry weather flow. Sludges generated in storm water units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and K051 wastes are exempted from this listing.
- F038 Petroleum refinery secondary (emulsified) oil/water/solids separation sludge - Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and F037, K048, and K051 wastes are exempted from this listing.

F039 Leachate resulting from the treatment, storage, or disposal of wastes classified by more than one waste code under Subpart D, or from a mixture of wastes classified under Subparts C and D of this part. (Leachate resulting from the management of one or more of the following EPA Hazardous Wastes and no other hazardous wastes retains its hazardous waste code(s): F020, F021, F022, F023, F026, F027, and/or F028.)

**HAZARDOUS WASTE FROM SPECIFIC SOURCES (See 40 CFR 261.32)**

K001 Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol

K002 Wastewater treatment sludge from the production of chrome yellow and orange pigments.

K003 Wastewater treatment sludge from the production of molybdate orange pigments.

K004 Wastewater treatment sludge from the production of zinc yellow pigments.

K005 Wastewater treatment sludge from the production of chrome green pigments.

K006 Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).

K007 Wastewater treatment sludge from the production of iron blue pigments.

K008 Oven residue from the production of chrome oxide green pigments.

K009 Distillation bottoms from the production of acetaldehyde from ethylene

K010 Distillation side cuts from the production of acetaldehyde from ethylene.

K011 Bottom stream from the wastewater stripper in the production of acrylonitrile

K013 Bottom stream from the acetonitrile column in the production of acrylonitrile.

K014 Bottoms from the acetonitrile purification column in the production of acrylonitrile

K015 Still bottoms from the distillation of benzyl chloride.

K016 Heavy ends or distillation residues from the production of carbon tetrachloride.

K017 Heavy ends (still bottoms) from the purification column in the production of epichlorohydrine

K018 Heavy ends from the fractionation column in ethyl chloride production

K019 Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.

K020 Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.

K021 Aqueous spent antimony catalyst waste from fluoromethane production.

K022 Distillation bottom tars from the production of phenol/acetone from cumene.

K023 Distillation light ends from the production of phthalic anhydride from naphthalene.

K024 Distillation bottoms from the production of phthalic anhydride from naphthalene.

K025 Distillation bottoms from the production of nitrobenzene by the nitration of benzene.

K026 Stripping still tails from the production of methyl ethyl pyridines.

K027 Centrifuge and distillation residues from toluene diisocyanate production.

K028 Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.

K029 Waste from the product steam stripper in the production of 1,1,1-trichloroethane.

K030 Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene

K031 By-product salts generated in the production of MSMA and cacodylic acid.

K032 Wastewater treatment sludge from the production of chlordane.

K033 Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane

K034 Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.

K035 Wastewater treatment sludges generated in the production of creosote

K036 Still bottoms from toluene reclamation distillation in the production of disulfoton

K037 Wastewater treatment sludges from the production of disulfoton

K038 Wastewater from the washing and stripping of phorate production.

K039 Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate

K040 Wastewater treatment sludge from the production of phorate

K041 Wastewater treatment sludge from the production of toxaphene

K042 Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T

K043 2,6-dichlorophenol waste from the production of 2,4-D.

K044 Wastewater treatment sludges from the manufacturing and processing of explosives.

K045 Spent carbon from the treatment of wastewater containing explosives

- K046 Wastewater treatment sludges from the manufacturing, formulation, and loading of lead-based initiating compounds.
- K047 Pink/red water from TNT operations.
- K048 Dissolved air flotation (DAF) float from the petroleum refining industry.
- K049 Slop oil emulsion solids from the petroleum refining industry.
- K050 Heat exchanger bundle cleaning sludge from the petroleum refining industry.
- K051 API separator sludge from the petroleum refining industry
- K052 Tank bottoms (leaded) from the petroleum refining industry.
- K060 Ammonia still lime sludge from coking operations.
- K061 Emission control dust/sludge from the primary production of steel in electric furnaces.
- K062 Spent pickle liquor from steel finishing operations of plants that produce iron or steel.
- K064 Acid plant blowdown slurry/sludge resulting from the thickening of blowdown slurry from primary copper
- K065 Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.
- K066 Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production.
- K069 Emission control dust/sludge from secondary lead smelting.
- K071 Brine purification muds from the mercury cell process in chlorine production, in which separately prepurified brine is not used.
- K073 Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production
- K083 Distillation bottoms from aniline production.
- K084 Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
- K085 Distillation or fractionation column bottoms from the production of chlorobenzenes.
- K086 Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs
- K087 Decanter tank tar sludge from coking operations.
- K088 Spent potliners from primary aluminum reduction.
- K090 Emission control dust or sludge from ferrochromiumsilicon production and equipment used in the formulation of ink from pigments, driers, soaps, and stabilizers containing chromium and lead.
- K091 Emission control dust or sludge from ferrochromium production.
- K093 Distillation light ends from the production of phthalic anhydride from ortho-xylene.
- K094 Distillation bottoms from the production of phthalic anhydride from ortho-xylene.
- K095 Distillation bottoms from the production of 1,1,1-trichloroethane.
- K096 Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.
- K097 Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.
- K098 Untreated process wastewater from the production of toxaphene.
- K099 Untreated wastewater from the production of 2,4-D.
- K100 Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.
- K101 Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
- K102 Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
- K103 Process residues from aniline extraction from the production of aniline.
- K104 Combined wastewaters generated from nitrobenzene/aniline production.
- K105 Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.
- K106 Wastewater treatment sludge from the mercury cell process in chlorine production.
- K107 Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides
- K108 Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides
- K109 Spent filter cartridges from product purification from the product of 1,1-dimethylhydrazine from carboxylic acid hydrazides
- K110 Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
- K111 Product washwaters from the production of dinitrotoluene via nitration of toluene.

- K112 Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.
- K113 Condensed liquid light ends from purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene
- K114 Vicinals from the purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.
- K115 Heavy ends from purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.
- K116 Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.
- K117 Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.
- K118 Spent adsorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
- K123 Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts.
- K124 Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.
- K125 Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.
- K126 Baghouse dust and floor sweepings in milling and packaging operations from production or formulation of ethylenebisdithiocarbamic acid and its salts.
- K131 Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide
- K132 Spent absorbent and wastewater separator solids from the production of methyl bromide.
- K136 Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
- K140 Floor sweepings, off-specification product, and spent filter media from the production of 2,4,6-tribromophenol.
- K141 Process residues from the recovery of coal tar, including, but not limited to, tar collecting sump residues from the production of coke from coal or the recovery of coke by-products produced from coal. This listing does not include K087 (decanter tank sludge from coking operations).
- K142 Tank storage residues from the production of coke from coal or from the recovery of coke by-products from coal.
- K143 Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.
- K144 Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal.
- K145 Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.
- K147 Tar storage residues from coal tar refining.
- K148 Residues from coal tar distillation, including, but not limited to, still bottoms.
- K149 Distillation bottoms from the production of alpha (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. [This waste does not include still bottoms from the distillation of benzoyl chloride]
- K150 Organic residuals excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha (or methyl-) chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups
- K151 Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of alpha (or methyl-) chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups
- K156 Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decamtates) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynl n-butylcarbamate.).
- K157 Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes. (This listing does not apply to waste generated from the manufacture of 3-iodo-2propynl n-butylcarbamate.).

- K158 Bag house and filter/separation solids from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynyl n-butylcarbamate.).
- K159 Organics from the treatment of thiocarbamate wastes.
- K161 Purification solids (including filtration, evaporation, and centrifugation solids), baghouse dust and floor sweepings from the production of dithiocarbamate acids and their salts. (Does not include K125 or K126).
- K169 Crude oil tank sediment from petroleum refining operations.
- K170 Clarified slurry oil sediment from petroleum refining operations.
- K171 Spent hydrotreating catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors (This listing does not include inert support media).
- K172 Spent hydrotreating catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors (This listing does not include inert support media).

**DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES,  
CONTAINER RESIDUALS, AND SPILL RESIDUES THEREOF - ACUTE HAZARDOUS WASTE**  
(See 40 CFR 261.33 for an alphabetized listing).

|      |   |      |   |
|------|---|------|---|
| P001 | 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present at concentrations greater than 0.3%                | P014 | Benzenethiol  |
| P001 | Warfarin, & salts, when present at concentrations greater than 0.3%   | P014 | Thiophenol  |
| P002 | 1-Acetyl-2-thiourea   | P015 | Beryllium powder  |
| P002 | Acetamide, N-(aminothioxomethyl)-   | P016 | Dichloromethyl ether                                      |
| P003 | 2-Propenal  | P016 | Methane, oxybis[chloro-                                   |
| P003 | Acrolein  | P017 | 2-Propanone, 1-bromo-                                     |
| P004 | 1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5alpha, 8alpha, 8abeta)- | P017 | Bromoacetone  |
| P004 | Aldrin  | P018 | Brucine   |
| P005 | 2-Propen-1-ol   | P018 | Strychnidin-10-one, 2,3-dimethoxy-                        |
| P005 | Allyl alcohol   | P020 | Dinoseb   |
| P006 | Aluminum phosphide (R,T)  | P020 | Phenol, 2-(1-methylpropyl)-4,6-dinitro-                   |
| P007 | 3(2H)-Isoxazolone, 5-(aminomethyl)-   | P021 | Calcium cyanide   |
| P007 | 5-(Aminomethyl)-3-isoxazolol  | P021 | Calcium cyanide Ca(CN) <sub>2</sub>                       |
| P008 | 4-Aminopyridine   | P022 | Carbon disulfide  |
| P008 | 4-Pyridinamine  | P023 | Acetaldehyde, chloro-                                     |
| P009 | Ammonium picrate (R)  | P023 | Chloroacetaldehyde  |
| P009 | Phenol, 2,4,6-trinitro-, ammonium salt (R)  | P024 | Benzenamine, 4-chloro-                                    |
| P010 | Arsenic acid H <sub>3</sub> AsO <sub>4</sub>  | P024 | p-Chloraniline  |
| P011 | Arsenic oxide As <sub>2</sub> O <sub>5</sub>  | P026 | 1-(o-Chlorophenyl)thiourea                                |
| P011 | Arsenic pentoxide   | P026 | Thiourea, (2-chlorophenyl)-                               |
| P012 | Arsenic oxide As <sub>2</sub> O <sub>3</sub>  | P027 | 3-Chloropropionitrile                                     |
| P012 | Arsenic trioxide  | P027 | Propanenitrile, 3-chloro-                                 |
| P013 | Barium cyanide  | P028 | Benzene, (chloromethyl)-                                  |
|      |   | P028 | Benzyl chloride   |
|      |   | P029 | Copper cyanide  |
|      |   | P029 | Copper cyanide Cu(CN)                                     |
|      |   | P030 | Cyanides (soluble cyanide salts), not otherwise specified |
|      |   | P031 | Cyanogen  |
|      |   | P031 | Ethanedinitrile   |

|      |   |      |  |
|------|---|------|--|
| P033 | Cyanogen chloride   | P054 | Aziridine  |
| P033 | Cyanogen chloride (CN)Cl  | P054 | Ethyleneimine  |
| P034 | 2-Cyclohexyl-4,6-dinitrophenol  | P056 | Fluorine   |
| P034 | Phenol, 2-cyclohexyl-4,6-dinitro-   | P057 | Acetamide, 2-fluoro-   |
| P036 | Arsonous dichloride, phenyl-  | P057 | Fluoroacetamide  |
| P036 | Dichlorophenylarsine  | P058 | Acetic acid, fluoro-, sodium salt  |
| P037 | 2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2aalpha, 3beta, 6beta, 6aalpha, 7beta, 7aalpha)-               | P058 | Fluoroacetic acid, sodium salt   |
| P037 | Dieldrin  | P059 | 4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-   |
| P038 | Arsine, diethyl-  | P059 | Heptachlor   |
| P038 | Diethylarsine   | P060 | 1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5beta, 8beta, 8abeta)- |
| P039 | Disulfoton  | P060 | Isodrin  |
| P039 | Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester  | P062 | Hexaethyl tetraphosphate   |
| P040 | O,O-Diethyl O-pyrazinyl phosphorothioate  | P062 | Tetraphosphoric acid, hexaethyl ester  |
| P040 | Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester   | P063 | Hydrocyanic acid   |
| P041 | Diethyl-p-nitrophenyl phosphate   | P063 | Hydrogen cyanide   |
| P041 | Phosphoric acid, diethyl 4-nitrophenyl ester  | P064 | Methane, isocyanato-   |
| P042 | 1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-  | P064 | Methyl isocyanate  |
| P042 | Epinephrine   | P065 | Fulminic acid, mercury(2+) salt (R,T)  |
| P043 | Diisopropylfluorophosphate (DFP)  | P065 | Mercury fulminate (R,T)  |
| P043 | Phosphorofluoridic acid, bis(1-methylethyl) ester   | P066 | Ethanimidothioic acid, N-[[[(methylamino)carbonyl]oxy]-, methyl ester  |
| P044 | Dimethoate  | P066 | Methomyl   |
| P044 | Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester   | P067 | 1,2-Propylenimine  |
| P045 | 2-Butanone, 3,3-dimethyl-1-(methylthio)-, O-[methylamino)carbonyl] oxime  | P067 | Aziridine, 2-methyl-   |
| P045 | Thiofanox   | P068 | Hydrazine, methyl-   |
| P046 | alpha,alpha-Dimethylphenethylamine  | P068 | Methyl hydrazine   |
| P046 | Benzenethanamine, alpha, alpha-dimethyl-  | P069 | 2-Methylactonitrile  |
| P047 | 4,6-Dinitro-o-cresol, & salts   | P069 | Propanenitrile, 2-hydroxy-2-methyl-  |
| P047 | Phenol, 2-methyl-4,6-dinitro-, & salts  | P070 | Aldicarb   |
| P048 | 2,4-Dinitrophenol   | P070 | Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime   |
| P048 | Phenol, 2,4-dinitro-  | P071 | Methyl parathion   |
| P049 | Dithiobiuret  | P071 | Phosphorothioic acid, O,O,-dimethyl O-(4-nitrophenyl) ester  |
| P049 | Thioimidodicarbonic diamide [(H2N)C(S)]2NH  | P072 | alpha-Naphthylthiourea   |
| P050 | 6,9-Methano-2,4,3-benzodioxathiepin,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-,3-oxide   | P072 | Thiourea, 1-naphthalenyl-  |
| P050 | Endosulfan  | P073 | Nickel carbonyl  |
| P051 | 2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2abeta, 3alpha, 6alpha, 6abeta, 7beta, 7aalpha)- & metabolites | P073 | Nickel carbonyl Ni(CO)4, (T-4)-  |
| P051 | Endrin  | P074 | Nickel cyanide   |
| P051 | Endrin, & metabolites   | P074 | Nickel cyanide Ni(CN)2   |
|      |   | P075 | Nicotine, & salts  |
|      |   | P075 | Pyridine, 3-(1-methyl-2-pyrrolidinyl)-,(S)-, & salts   |
|      |   | P076 | Nitric oxide   |
|      |   | P076 | Nitrogen oxide NO  |
|      |   | P077 | Benzenamine, 4-nitro-  |
|      |   | P077 | p-Nitroaniline   |
|      |   | P078 | Nitrogen dioxide   |
|      |   | P078 | Nitrogen oxide NO2   |
|      |   | P081 | 1,2,3-Propanetriol, trinitrate (R)   |
|      |   | P081 | Nitroglycerine (R)   |



|      |   |      |  |
|------|---|------|--|
| P082 | Methanimine, N-methyl-N-nitroso-  | P111 | Tetraethyl pyrophosphate   |
| P082 | N-Nitrosodimethylamine  | P112 | Methane, tetranitro- (R)   |
| P084 | N-Nitrosomethylvinylamine   | P112 | Tetranitromethane (R)  |
| P084 | Vinylamine, N-methyl-N-nitroso-   | P113 | Thallic oxide  |
| P085 | Diphosphoramidate, octamethyl-  | P113 | Thallium oxide $Tl_2O_3$   |
| P085 | Octamethylpyrophosphoramidate   | P114 | Selenious acid, dithallium (1+) salt   |
| P087 | Osmium oxide $OsO_4$ , (T-4)-   | P114 | Thallium(I) selenite   |
| P087 | Osmium tetroxide  | P115 | Sulfuric acid, dithallium (1+) salt  |
| P088 | 7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid                              | P115 | Thallium(I) sulfate  |
| P088 | Endothall   | P116 | Hydrazinecarbothioamide  |
| P089 | Parathion   | P116 | Thiosemicarbazide  |
| P089 | Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester                     | P118 | Methanethiol, trichloro-   |
| P092 | Mercury, (acetato-O)phenyl-   | P118 | Trichloromethanethiol  |
| P092 | Phenylmercury acetate   | P119 | Ammonium vanadate  |
| P093 | Phenylthiourea  | P119 | Vanadic acid, ammonium salt  |
| P093 | Thiourea, phenyl-   | P120 | Vanadium oxide $V_2O_5$  |
| P094 | Phorate   | P120 | Vanadium pentoxide   |
| P094 | Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester               | P121 | Zinc cyanide   |
| P095 | Carbonic dichloride   | P121 | Zinc cyanide $Zn(CN)_2$  |
| P095 | Phosgene  | P122 | Zinc phosphide $Zn_3P_2$ , when present at concentrations greater than 10% (R,T) |
| P096 | Hydrogen phosphide  | P123 | Toxaphene  |
| P096 | Phosphine   | P205 | Ziram  |
| P097 | Famphur   |      |  |
| P097 | Phosphorothioic acid O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester |      |  |
| P098 | Potassium cyanide   |      |  |
| P098 | Potassium cyanide $K(CN)$   |      |  |
| P099 | Argentate (1-), bis(cyano-C)-, potassium                                      |      |  |
| P099 | Potassium silver cyanide  |      |  |
| P101 | Ethyl cyanide   |      |  |
| P101 | Propanenitrile  |      |  |
| P102 | 2-Propyn-1-ol   |      |  |
| P102 | Propargyl alcohol   |      |  |
| P103 | Selenourea  |      |  |
| P104 | Silver cyanide  |      |  |
| P104 | Silver cyanide $Ag(CN)$   |      |  |
| P105 | Sodium azide  |      |  |
| P106 | Sodium cyanide  |      |  |
| P106 | Sodium cyanide $Na(CN)$   |      |  |
| P108 | Strychnidin-10-one, & salts   |      |  |
| P108 | Strychnine, & salts   |      |  |
| P109 | Tetraethyldithiopyrophosphate   |      |  |
| P109 | Thiodiphosphoric acid, tetraethyl ester                                       |      |  |
| P110 | Plumbane, tetraethyl-   |      |  |
| P110 | Tetraethyl lead   |      |  |
| P111 | Diphosphoric acid, tetraethyl ester   |      |  |

**DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES,  
CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF - TOXIC WASTES**  
(See 40 CFR 261.33 for an alphabetized listing)

|  |      |   |
|--|------|---|
| *2,3,4,6-Tetrachlorophenol   | U020 | Benzenesulfonic acid chloride (C,R)   |
| *2,4,5-T   | U020 | Benzenesulfonyl chloride (C,R)  |
| *2,4,5-Trichlorophenol   | U021 | [1,1'-Biphenyl]-4,4'-diamine  |
| *2,4,6-Trichlorophenol   | U021 | Benzidine   |
| *Acetic acid, (2,4,5- trichlorophenoxy)  | U022 | Benzo[a]pyrene  |
| *Pentachlorophenol   | U023 | Benzene, (trichloromethyl)-   |
| *Phenol, 2,3,4,6-tetrachloro   | U023 | Benzotrichloride (C,R,T)  |
| *Phenol, 2,4,5-trichloro-  | U024 | Dichloromethoxy ethane  |
| *Phenol, 2,4,6-trichloro-  | U024 | Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-                                       |
| *Phenol, pentachloro-  | U025 | Dichloroethyl ether   |
| *Propanoic acid, 2-(2,4,5- trichlorophenoxy)   | U025 | Ethane, 1,1'-oxybis[2-chloro-   |
| *Silvex (2,4,5-TP)   | U026 | Chlornaphazin   |
| U001 Acetaldehyde (I)  | U026 | Naphthalenamine, N,N'-bis(2-chloroethyl)-   |
| U001 Ethanal (I)   | U027 | Dichloroisopropyl ether   |
| U002 2-Propanone (I)   | U027 | Propane, 2,2'-oxybis[2-chloro-  |
| U002 Acetone (I)   | U028 | 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl)<br>ester                            |
| U003 Acetonitrile (I,T)  | U028 | Diethylhexyl phthalate  |
| U004 Acetophenone  | U029 | Methane, bromo-   |
| U004 Ethanone, 1-phenyl-   | U029 | Methyl bromide  |
| U005 2-Acetylaminofluorene   | U030 | 4-Bromophenyl phenyl ether  |
| U005 Acetamide, N-9H-fluoren-2-yl  | U030 | Benzene, 1-bromo-4-phenoxy-   |
| U006 Acetyl chloride (C,R,T)   | U031 | 1-Butanol (I)   |
| U007 2-Propenamide   | U031 | n-Butyl alcohol (I)   |
| U007 Acrylamide  | U032 | Calcium chromate  |
| U008 2-Propenoic acid (I)  | U014 | Auramine  |
| U008 Acrylic acid (I)  | U032 | Chromic acid H <sub>2</sub> CrO <sub>4</sub> , calcium salt                         |
| U009 2-Propenenitrile  | U033 | Carbon oxyfluoride (R,T)  |
| U009 Acrylonitrile   | U033 | Carbonic difluoride   |
| U010 Azirino [2',3':3,4]pyrrolo[1,2-a]indole-4,7-<br>dione, 6-amino-8-[[[(aminocarbonyl)oxy]<br>methyl]-1,1a,2,8,8a,8b-hexahydro-8a-<br>methoxy-5-methyl-, [1aS-(1aalpha, 8beta,<br>8aalpha, 8balph)]- | U034 | Acetaldehyde, trichloro-  |
| U010 Mitomycin C   | U034 | Chloral   |
| U011 1H-1,2,4-Triazol-3-amine  | U035 | Benzenebutanoic acid, 4-[bis(2-<br>chloroethyl)amino]-                              |
| U011 Amitrole  | U035 | Chlorambucil  |
| U012 Aniline (I,T)   | U036 | 4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-<br>octachloro-2,3,3a,4,7,7a-hexahydro-      |
| U012 Benzenamine (I,T)   | U036 | Chlordane, alpha & gamma isomers  |
| U014 Benzenamine, 4,4'-carbonimidoylbis[N,N-<br>dimethyl-  | U037 | Benzene, chloro-  |
| U015 Azaserine   | U037 | Chlorobenzene   |
| U015 L-Serine, diazoacetate (ester)  | U038 | Benzenoacetic acid, 4-chloro-alpha-(4-<br>chlorophenyl)-alpha-hydroxy-, ethyl ester |
| U016 Benz[c]acridine   | U038 | Chlorobenzilate   |
| U017 Benzal chloride   | U039 | p-Chloro-m-cresol   |
| U017 Benzene, (dichloromethyl)-  | U039 | Phenol, 4-chloro-3-methyl-  |
| U018 Benz[a]anthracene   | U041 | Epichlorohydrin   |
| U019 Benzene (I,T)   | U041 | Oxirane, (chloromethyl)-  |

|      |   |      |   |
|------|---|------|---|
| U042 | 2-Chloroethyl vinyl ether   | U069 | 1,2-Benzenedicarboxylic acid, dibutyl ester         |
| U042 | Ethene, (2-chloroethoxy)-   | U069 | Dibutyl phthalate                                   |
| U043 | Ethene, chloro-   | U070 | Benzene, 1,2-dichloro-                              |
| U043 | Vinyl chloride  | U070 | o-Dichlorobenzene                                   |
| U044 | Chloroform  | U071 | Benzene, 1,3-dichloro-                              |
| U044 | Methane, trichloro-   | U071 | m-Dichlorobenzene                                   |
| U045 | Methane, chloro- (I,T)  | U072 | Benzene, 1,4-dichloro-                              |
| U045 | Methyl chloride (I,T)   | U072 | p-Dichlorobenzene                                   |
| U046 | Chloromethyl methyl ether   | U073 | [1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-        |
| U046 | Methane, chloromethoxy-   | U073 | 3,3'-Dichlorobenzidine                              |
| U047 | beta-Chloronaphthalene  | U074 | 1,4-Dichloro-2-butene (I,T)                         |
| U047 | Naphthalene, 2-chloro-  | U074 | 2-Butene, 1,4-dichloro- (I,T)                       |
| U048 | o-Chlorophenol  | U075 | Dichlorodifluoromethane                             |
| U048 | Phenol, 2-chloro-   | U075 | Methane, dichlorodifluoro-                          |
| U049 | 4-Chloro-o-toluidine, hydrochloride   | U076 | Ethane, 1,1-dichloro-                               |
| U049 | Benzenamine, 4-chloro-2-methyl-, hydrochloride  | U076 | Ethylidene dichloride                               |
| U050 | Chrysene  | U077 | Ethane, 1,2-dichloro-                               |
| U051 | Creosote  | U077 | Ethylene dichloride                                 |
| U052 | Cresol (Cresylic acid)  | U078 | 1,1-Dichloroethylene                                |
| U052 | Phenol, methyl-   | U078 | Ethene, 1,1-dichloro-                               |
| U053 | Crotonaldehyde  | U079 | 1,2-Dichloroethylene                                |
| U055 | Benzene, (1-methylethyl)- (I)   | U079 | Ethene, 1,2-dichloro-, (E)-                         |
| U055 | Cumene (I)  | U080 | Methane, dichloro-                                  |
| U056 | Benzene, hexahydro- (I)   | U053 | 2-Butenal   |
| U056 | Cyclohexane (I)   | U080 | Methylene chloride                                  |
| U057 | Cyclohexanone (I)   | U081 | 2,4-Dichlorophenol                                  |
| U058 | 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide  | U081 | Phenol, 2,4-dichloro-                               |
| U058 | Cyclophosphamide  | U082 | 2,6-Dichlorophenol                                  |
| U059 | 5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy)-alpha-L-lyxohexopyranosyl]oxy]-7,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)- | U082 | Phenol, 2,6-dichloro-                               |
| U059 | Daunomycin  | U083 | Propane, 1,2-dichloro-                              |
| U060 | Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-   | U083 | Propylene dichloride                                |
| U060 | DDD   | U084 | 1,3-Dichloropropene                                 |
| U061 | Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-  | U084 | 1-Propene, 1,3-dichloro-                            |
| U061 | DDT   | U085 | 1,2:3,4-Diepoxybutane (I,T)                         |
| U062 | Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester  | U085 | 2,2'-Bioxirane                                      |
| U062 | Diallate  | U086 | Hydrazine, 1,2-diethyl-                             |
| U063 | Dibenz[a,h]anthracene   | U086 | N,N'-Diethylhydrazine                               |
| U064 | Benzo[rs]t]pentaphene   | U087 | O,O-Diethyl S-methyl dithiophosphate                |
| U064 | Dibenzo[a,i]pyrene  | U087 | Phosphorodithioic acid, O,O-diethyl S-methyl ester  |
| U066 | 1,2-Dibromo-3-chloropropane   | U088 | 1,2-Benzenedicarboxylic acid, diethyl ester         |
| U066 | Propane, 1,2-dibromo-3-chloro-  | U088 | Diethyl phthalate                                   |
| U067 | Ethane, 1,2-dibromo-  | U089 | Diethylstilbesterol                                 |
| U067 | Ethylene dibromide  | U089 | Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)- |
| U068 | Methane, dibromo-   | U090 | 1,3-Benzodioxole, 5-propyl-                         |
| U068 | Methylene bromide   | U090 | Dihydrosafrole                                      |
|      |   | U091 | [1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-       |
|      |   | U091 | 3,3'-Dimethoxybenzidine                             |
|      |   | U092 | Dimethylamine (I)                                   |
|      |   | U092 | Methanamine, N-methyl- (I)                          |

|      |   |      |   |
|------|---|------|---|
| U093 | Benzenamine, N,N-dimethyl-4-(phenylazo)-                | U121 | Methane, trichlorofluoro-   |
| U093 | p-Dimethylaminoazobenzene                               | U121 | Trichloromonofluoromethane  |
| U094 | 7,12-Dimethylbenz[a]anthracene                          | U122 | Formaldehyde  |
| U094 | Benz[a]anthracene, 7,12-dimethyl-                       | U123 | Formic acid (C,T)   |
| U095 | [1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-            | U124 | Furan (I)   |
| U095 | 3,3'-Dimethylbenzidine                                  | U124 | Furfuran (I)  |
| U096 | alpha,alpha-Dimethylbenzylhydroperoxide (R)             | U125 | 2-Furancarboxaldehyde (I)   |
| U096 | Hydroperoxide, 1-methyl-1-phenylethyl- (R)              | U125 | Furfural (I)  |
| U097 | Carbamic chloride, dimethyl-                            | U126 | Glycidylaldehyde  |
| U097 | Dimethylcarbamoyl chloride                              | U126 | Oxiranecarboxyaldehyde  |
| U098 | 1,1-Dimethylhydrazine                                   | U127 | Benzene, hexachloro-  |
| U098 | Hydrazine, 1,1-dimethyl-                                | U127 | Hexachlorobenzene   |
| U099 | 1,2-Dimethylhydrazine                                   | U128 | 1,3-Butadiene, 1,1,2,3,4,4-hexachloro-  |
| U099 | Hydrazine, 1,2-diphenyl-                                | U128 | Hexachlorobutadiene   |
| U101 | 2,4-Dimethylphenol                                      | U129 | Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)-   |
| U101 | Phenol, 2,4-dimethyl-                                   | U129 | Lindane   |
| U102 | 1,2-Benzenedicarboxylic acid, dimethyl ester            | U130 | 1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-  |
| U102 | Dimethyl phthalate                                      | U130 | Hexachlorocyclopentadiene   |
| U103 | Dimethyl sulfate  | U131 | Ethane, hexachloro-   |
| U103 | Sulfuric acid, dimethyl ester                           | U131 | Hexachloroethane  |
| U105 | 2,4-Dinitrotoluene                                      | U132 | Hexachlorophene   |
| U105 | Benzene, 1-methyl-2,4-dinitro-                          | U132 | Phenol, 2,2'-methylenebis[3,4,6-trichloro-  |
| U106 | 2,6-Dinitrotoluene                                      | U133 | Hydrazine (R,T)   |
| U106 | Benzene, 2-methyl-1,3-dinitro-                          | U134 | Hydrofluoric acid (C,T)   |
| U107 | 1,2-Benzenedicarboxylic acid, dioctyl ester             | U134 | Hydrogen fluoride (C,T)   |
| U107 | Di-n-octyl phthalate                                    | U135 | Hydrogen sulfide  |
| U108 | 1,4-Diethyleneoxide                                     | U135 | Hydrogen sulfide H2S  |
| U108 | 1,4-Dioxane   | U136 | Arsinic acid, dimethyl-   |
| U109 | 1,2-Diphenylhydrazine                                   | U136 | Cacodylic acid  |
| U109 | Hydrazine, 1,2-diphenyl-                                | U137 | Indeno[1,2,3-cd]pyrene  |
| U110 | 1-Propanimine, N-propyl-(I)                             | U138 | Methane, iodo-  |
| U110 | Dipropylamine (I)                                       | U138 | Methyl iodide   |
| U111 | 1-Propanamine, N-nitroso-N-propyl-                      | U140 | 1-Propanol, 2-methyl- (I,T)   |
| U111 | Di-n-propylnitrosamine                                  | U140 | Isobutyl alcohol (I,T)  |
| U112 | Acetic acid, ethyl ester (I)                            | U141 | 1,3-Benzodioxole, 5-(1-propenyl)-   |
| U112 | Ethyl acetate (I)                                       | U141 | Isosafrole  |
| U113 | 2-Propenoic acid, ethyl ester (I)                       | U142 | 1,3,4-Metheno-2H-cyclobuta[cd]pentalen-2-one, 1,1a,3,3a,4,5,5a,5b,6-decachlorooctahydro-  |
| U113 | Ethyl acrylate (I)                                      | U142 | Kepone  |
| U114 | Carbamodithioic acid, 1,2-ethanediybis-, salts & esters | U143 | 2-Butenoic acid, 2-methyl-, 7-[[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z), 7(2S*,3R*), 7aalpha]]- |
| U114 | Ethylenebisdithiocarbamic acid, salts & esters          | U143 | Lasiocarpine  |
| U115 | Ethylene oxide (I,T)                                    | U144 | Acetic acid, lead(2+) salt  |
| U115 | Oxirane (I,T)   | U144 | Lead acetate * See F027   |
| U116 | 2-Imidazolidinethione                                   | U145 | Lead phosphate  |
| U116 | Ethylenethiourea  | U145 | Phosphoric acid, lead(2+) salt (2:3)  |
| U117 | Ethane, 1,1'-oxybis-(I)                                 | U146 | Lead subacetate   |
| U117 | Ethyl ether (I)   | U146 | Lead, bis(acetato-O)tetrahydroxytri-  |
| U118 | 2-Propenoic acid, 2-methyl-, ethyl ester                |      |   |
| U118 | Ethyl methacrylate                                      |      |   |
| U119 | Ethyl methanesulfonate                                  |      |   |
| U119 | Methanesulfonic acid, ethyl ester                       |      |   |
| U120 | Fluoranthene  |      |   |

|      |  |      |   |
|------|--|------|---|
| U147 | 2,5-Furandione   | U173 | Ethanol, 2,2'-(nitrosoimino)bis-  |
| U147 | Maleic anhydride   | U173 | N-Nitrosodiethanolamine   |
| U148 | 3,6-Pyridazinedione, 1,2-dihydro-                                    | U174 | Ethanamine, N-ethyl-N-nitroso-  |
| U148 | Maleic hydrazide   | U174 | N-Nitrosodiethylamine   |
| U149 | Malononitrile  | U176 | N-Nitroso-N-ethylurea   |
| U149 | Propanedinitrile   | U176 | Urea, N-ethyl-N-nitroso   |
| U150 | L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-                        | U177 | N-Nitroso-N-methylurea  |
| U150 | Melphalan  | U177 | Urea, N-methyl-N-nitroso-   |
| U151 | Mercury  | U178 | Carbamic acid, methylnitroso-, ethyl ester  |
| U152 | 2-Propenenitrile, 2-methyl- (I,T)                                    | U178 | N-Nitroso-N-methylurethane  |
| U152 | Methacrylonitrile (I,T)  | U179 | N-Nitrosopiperidine   |
| U153 | Methanethiol (I,T)   | U179 | Piperidine, 1-nitroso-  |
| U153 | Thiomethanol (I,T)   | U180 | N-Nitrosopyrrolidine  |
| U154 | Methanol (I)   | U180 | Pyrrolidine, 1-nitroso-   |
| U154 | Methyl alcohol (I)   | U181 | 5-Nitro-o-toluidine   |
| U155 | 1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)- | U181 | Benzenamine, 2-methyl-5-nitro   |
| U155 | Methapyrilene  | U182 | 1,3,5-Trioxane, 2,4,6-trimethyl-  |
| U156 | Carbonochloridic acid, methyl ester, (I,T)                           | U182 | Paraldehyde   |
| U156 | Methyl chlorocarbonate (I,T)   | U183 | Benzene, pentachloro-   |
| U157 | 3-Methylcholanthrene   | U183 | Pentachlorobenzene  |
| U157 | Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-                          | U184 | Ethane, pentachloro-  |
| U158 | 4,4'-Methylenebis(2-chloroaniline)                                   | U184 | Pentachloroethane   |
| U158 | Benzenamine, 4,4'-methylenebis[2-chloro-                             | U185 | Benzene, pentachloronitro-  |
| U159 | 2-Butanone (I,T)   | U185 | Pentachloronitrobenzene (PCNB)  |
| U159 | Methyl ethyl ketone (MEK) (I,T)                                      | U186 | 1,3-Pentadiene (I)  |
| U160 | 2-Butanone, peroxide (R,T)   | U186 | 1-Methylbutadiene (I)   |
| U160 | Methyl ethyl ketone peroxide (R,T)                                   | U187 | Acetamide, N-(4-ethoxyphenyl)-  |
| U161 | 4-Methyl-2-pentanone (I)   | U187 | Phenacetin  |
| U161 | Methyl isobutyl ketone (I)   | U188 | Phenol  |
| U161 | Pentanol, 4-methyl-  | U189 | Phosphorus sulfide (R)  |
| U162 | 2-Propenoic acid, 2-methyl-, methyl ester (I,T)                      | U189 | Sulfur phosphide (R)  |
| U162 | Methyl methacrylate (I,T)  | U190 | 1,3-Isobenzofurandione  |
| U163 | Guanidine, N-methyl-N'-nitro-N-nitroso-                              | U190 | Phthalic anhydride  |
| U163 | MNNG   | U191 | 2-Picoline  |
| U164 | 4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thio-                     | U191 | Pyridine, 2-methyl-   |
| U164 | Methylthiouracil   | U192 | Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-  |
| U165 | Naphthalene  | U192 | Pronamide   |
| U166 | 1,4-Naphthalenedione   | U193 | 1,2-Oxathiolane, 2,2-dioxide  |
| U166 | 1,4-Naphthoquinone   | U193 | 1,3-Propane sultone   |
| U167 | 1-Naphthalenamine  | U194 | 1-Propanamine (I,T)   |
| U167 | alpha-Naphthylamine  | U194 | n-Propylamine (I,T)   |
| U168 | 2-Naphthalenamine  | U196 | Pyridine  |
| U168 | beta-Naphthylamine   | U197 | 2,5-Cyclohexadiene-1,4-dione  |
| U169 | Benzene, nitro-  | U197 | p-Benzoquinone  |
| U169 | Nitrobenzene (I,T)   | U200 | Reserpine   |
| U170 | p-Nitrophenol (I,T)  | U200 | Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl) oxy]-, methyl ester, (3beta, 6beta, 17alpha, 18beta, 20alpha)- |
| U170 | Phenol, 4-nitro-   | U201 | 1,3-Benzenediol   |
| U171 | 2-Nitropropane (I,T)   | U201 | Resorcinol  |
| U171 | Propane, 2-nitro- (I,T)  |      |   |
| U172 | 1-Butanamine, N-butyl-N-nitroso-                                     |      |   |
| U172 | N-Nitrosodi-n-butylamine   |      |   |